

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 171 (canceled)

Claim 172: A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;

a fuel stabilizer comprising a high molecular weight amine; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 173 (new): The fuel composition of claim 172 said high molecular weight amine comprises between twelve and fourteen carbon atoms.

Claim 174 (new): The fuel composition of claim 173 wherein said high molecular weight amine comprises more than fourteen carbon atoms.

Claim 175 (new): The fuel composition of claim 174 wherein said high molecular weight amine comprises Primene® RB-3.

Claim 176 (new): The fuel composition of claim 172 wherein said fuel stabilizer comprises between approximately 0.05 and approximately 0.5 parts by weight of said fuel additive, said fuel composition having a total part by weight of 1.

Claim 177 (new): The fuel composition of claim 176 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 178 (new): The fuel composition of claim 172 further comprising a lubricant.

Claim 179 (new): The fuel composition of claim 172 further comprising a high flash solvent.

Claim 180 (new): The fuel composition of claim 172 further comprising a biocide.

Claim 181 (new): The fuel composition of claim 172 further comprising a metal deactivator.

Claim 182 (new): The fuel composition of claim 172 further comprising a dispersant.

Claim 183 (new): The fuel composition of claim 178 wherein said lubricant comprises a low viscosity.

Claim 184 (new): A fuel composition comprising:
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a fuel stabilizer comprising between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive;
said fuel composition having a total part by weight of 1; and
said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel;.

Claim 185 (new): The fuel composition of claim 184 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 186 (new): The fuel composition of claim 184 further comprising a lubricant.

Claim 187 (new): The fuel composition of claim 184 further comprising a high flash solvent.

Claim 188 (new): The fuel composition of claim 184 further comprising a biocide.

Claim 189 (new): The fuel composition of claim 184 further comprising a metal deactivator.

Claim 190 (new): The fuel composition of claim 184 further comprising a dispersant.

Claim 191 (new): The fuel composition of claim 184 wherein said lubricant comprises a low viscosity.

Claim 192 (new): A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a high flash solvent comprising naphtha; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 193 (new): The fuel composition of claim 192 wherein said high flash solvent comprises between approximately 0.1 and approximately 0.6 parts by weight of said fuel additive.

Claim 194 (new): The fuel composition of claim 193 wherein said high flash solvent comprises between approximately 0.2 and approximately 0.4 parts by weight of said fuel additive.

Claim 195 (new): The fuel composition of claim 192 further comprising a stabilizer.

Claim 196 (new): The fuel composition of claim 192 further comprising a lubricant.

Claim 197 (new): The fuel composition of claim 196 wherein said lubricant comprises a low viscosity.

Claim 198 (new): The fuel composition of claim 192 further comprising a biocide.

Claim 199 (new): The fuel composition of claim 192 further comprising a metal deactivator.

Claim 200 (new): The fuel composition of claim 192 further comprising a dispersant.

Claim 201 (new): A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a high flash solvent comprising between approximately 0.1 and approximately 0.6 parts by weight of said fuel additive; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 202 (new): The fuel composition of claim 201 wherein said fuel additive additionally comprises a lubricant.

Claim 203 (new): The fuel composition of claim 202 wherein said lubricant comprises a low viscosity.

Claim 204 (new): The fuel composition of claim 202 further comprising a stabilizer.

Claim 205 (new): The fuel composition of claim 202 further comprising a biocide.

Claim 206 (new): The fuel composition of claim 202 further comprising a metal deactivator.

Claim 207 (new): The fuel composition of claim 202 further comprising a dispersant.

Claim 208 (new): A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a lubricant; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 209 (new): The fuel composition of claim 208 wherein said lubricant comprises a low viscosity.

Claim 210 (new): The fuel composition of claim 209 wherein said viscosity is approximately 20 weight or less.

Claim 211 (new): The fuel composition of claim 208 wherein said lubricant comprises a mineral oil

Claim 212 (new): The fuel composition of claim 211 wherein said mineral oil is naphthenic.

Claim 213 (new): The fuel composition of claim 208 wherein said lubricant comprises a synthetic oil.

Claim 214 (new): The fuel composition of claim 213 wherein said synthetic oil comprises a petroleum derivative.

Claim 215 (new): The fuel composition of claim 208 wherein said lubricant comprises between approximately 0.01 and approximately 0.25 parts by weight of said fuel additive.

Claim 216 (new): The fuel composition of claim 215 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 217 (new): The fuel composition of claim 208 wherein said fuel additive further comprises a high molecular weight amine.

Claim 218 (new): The fuel composition of claim 217 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 219 (new): The fuel composition of claim 208 further comprising a stabilizer.

Claim 220 (new): The fuel composition of claim 219 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 221 (new): The fuel composition of claim 208 further comprising a high flash solvent.

Claim 222 (new): The fuel composition of claim 208 further comprising a biocide.

Claim 223 (new): The fuel composition of claim 208 further comprising a metal deactivator.

Claim 224 (new): The fuel composition of claim 208 further comprising a dispersant.

Claim 225 (new): The fuel composition of claim 208 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 226 (new): The fuel composition of claim 225 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 227 (new): The fuel composition of claim 208 wherein said solvent comprises naphtha.

Claim 228 (new): The fuel composition of claim 227 wherein said naphtha comprises Conosolve® C-145.

Claim 229 (new): The fuel composition of claim 222 wherein said biocide comprises triazine

Claim 230 (new): The fuel composition of claim 223 wherein said metal deactivator is a polyamine.

Claim 231 (new): A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a biocide; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 232 (new): The fuel composition of claim 231 further comprising a high flash solvent.

Claim 233 (new): The fuel composition of claim 231 further comprising a stabilizer.

Claim 234 (new): The fuel composition of claim 231 further comprising a lubricant.

Claim 235 (new): The fuel composition of claim 231 further comprising a metal deactivator.

Claim 236 (new): The fuel composition of claim 231 further comprising a dispersant.

Claim 237 (new): The fuel composition of claim 231 wherein said fuel additive further comprises a high molecular weight amine.

Claim 238 (new): The fuel composition of claim 237 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 239 (new): The fuel composition of claim 231 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 240 (new): The fuel composition of claim 231 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 241 (new): The fuel composition of claim 232 wherein said solvent comprises naphtha.

Claim 242 (new): The fuel composition of claim 241 wherein said naphtha comprises Conosolve® C-145.

Claim 243 (new): The fuel composition of claim 231 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 244 (new): The fuel composition of claim 234 wherein said lubricant comprises a low viscosity.

Claim 245 (new): The fuel composition of claim 244 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 246 (new): The fuel composition of claim 234 wherein said lubricant comprises a mineral oil.

Claim 247 (new): The fuel composition of claim 231 wherein said biocide comprises triazine.

Claim 248 (new): The fuel composition of claim 247 wherein said triazine comprises Vancide®.

Claim 249 (new): The fuel of claim 231 wherein said biocide comprises up to approximately 0.02 parts by weight of said fuel additive.

Claim 250 (new): The fuel composition of claim 249 wherein said biocide comprises between approximately 0.0005 and approximately 0.0015 parts by weight of said fuel additive.

Claim 251 (new): The fuel composition of claim 235 wherein said metal deactivator is a polyamine.

Claim 252 (new): A fuel composition comprising:
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a metal deactivator comprising a polyamine; and
said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 253 (new): The fuel composition of claim 252 wherein said metal deactivator comprises diamine.

Claim 254 (new): The fuel composition of claim 253 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine, ethylene diamine and mixtures thereof.

Claim 255 (new): The fuel composition of claim 252 wherein said metal deactivator comprises up to approximately 0.2 parts by weight of said fuel additive.

Claim 256 (new): The fuel composition of claim 255 wherein said metal deactivator comprises between approximately 0.05 and approximately 0.15 parts by weight of said fuel additive.

Claim 257 (new): The fuel composition of claim 252 further comprising a stabilizer.

Claim 258 (new): The fuel composition of claim 257 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 259 (new): The fuel composition of claim 252 further comprising a high flash solvent.

Claim 260 (new): The fuel composition of claim 252 further comprising a biocide.

Claim 261 (new): The fuel composition of claim 252 further comprising a lubricant.

Claim 262 (new): The fuel composition of claim 252 further comprising a dispersant.

Claim 263 (new): The fuel composition of claim 261 wherein said lubricant comprises a low viscosity.

Claim 264 (new): The fuel composition of claim 261 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 265 (new): A fuel composition comprising:
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a metal deactivator comprising up to approximately 0.2 parts by weight of said fuel additive; and
said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 266 (new): The fuel composition of claim 265 wherein said fuel additive further comprises a high molecular weight amine.

Claim 267 (new): The fuel composition of claim 266 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 268 (new): The fuel composition of claim 265 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 269 (new): The fuel composition of claim 268 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 270 (new): The fuel composition of claim 265 further comprising a high flash solvent.

Claim 271 (new): The fuel composition of claim 270 wherein said solvent comprises naphtha.

Claim 272 (new): The fuel composition of claim 271 wherein said naphtha comprises Conosolve® C-145.

Claim 273 (new): The fuel composition of claim 265 further comprising a lubricant.

Claim 274 (new): The fuel composition of claim 273 wherein said lubricant comprises a mineral oil.

Claim 275 (new): The fuel composition of claim 265 wherein said lubricant comprises a low viscosity.

Claim 276 (new): The fuel composition of claim 275 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 277 (new): The fuel composition of claim 265 further comprising a biocide.

Claim 278 (new): The fuel composition of claim 277 wherein said biocide comprises triazine.

Claim 279 (new): The fuel composition of claim 265 further comprising a stabilizer.

Claim 280 (new): The fuel composition of claim 279 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 281 (new): The fuel composition of claim 265 further comprising a dispersant.

Claim 282 (new): The fuel composition of claim 266 wherein said metal deactivator is a diamine.

Claim 283 (new): The fuel composition of claim 282 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine, ethylene diamine and mixtures thereof.

Claim 284 (new): The fuel composition of claim 265 wherein said metal deactivator comprises up to approximately 0.2 parts by weight of said fuel additive.

Claim 285 (new): A fuel composition comprising:

 a fuel additive comprising:

 an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

 fuel;

 a high flash solvent;

 a metal deactivator; and

 said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 286 (new): The fuel composition of claim 285 wherein said fuel additive further comprises a high molecular weight amine.

Claim 287 (new): The fuel composition of claim 286 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 288 (new): The fuel composition of claim 285 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 289 (new): The fuel composition of claim 288 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 290 (new): The fuel composition of claim 285 further comprising a stabilizer.

Claim 291 (new): The fuel composition of claim 290 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 292 (new): The fuel composition of claim 285 further comprising a lubricant.

Claim 293 (new): The fuel composition of claim 292 wherein said lubricant comprises a low viscosity.

Claim 294 (new): The fuel composition of claim 292 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 295 (new): The fuel composition of claim 292 wherein said lubricant comprises a mineral oil.

Claim 296 (new): The fuel composition of claim 285 further comprising a biocide.

Claim 297 (new): The fuel composition of claim 296 wherein said biocide comprises triazine

Claim 298 (new): The fuel composition of claim 285 further comprising a dispersant.

Claim 299 (new): A fuel composition comprising:

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a dispersant; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 300 (new): The fuel composition of claim 299 wherein said fuel additive further comprises a high molecular weight amine.

Claim 301 (new): The fuel composition of claim 300 wherein said high molecular weight amine comprises at least twelve carbon atoms.

Claim 302 (new): The fuel composition of claim 299 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 303 (new): The fuel composition of claim 302 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 304 (new): The fuel composition of claim 299 further comprising a high flash solvent.

Claim 305 (new): The fuel composition of claim 304 wherein said solvent comprises naphtha.

Claim 306 (new): The fuel composition of claim 305 wherein said naphtha comprises Conosolve® C-145.

Claim 307 (new): The fuel composition of claim 299 further comprising a lubricant.

Claim 308 (new): The fuel composition of claim 307 wherein said lubricant comprises a mineral oil.

Claim 309 (new): The fuel composition of claim 307 wherein said lubricant comprises a low viscosity.

Claim 310 (new): The fuel composition of claim 299 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 311 (new): The fuel composition of claim 299 further comprising a biocide.

Claim 312 (new): The fuel composition of claim 311 wherein said biocide comprises triazine.

Claim 313 (new): The fuel composition of claim 299 further comprising a metal deactivator.

Claim 314 (new): The fuel composition of claim 313 wherein said metal deactivator is a polyamine.

Claim 315 (new): The fuel composition of claim 299 further comprising a stabilizer.

Claim 316 (new): The fuel composition of claim 315 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 317 (new): A fuel composition comprising:
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a high flash solvent;
a fuel stabilizer; and
said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel

Claim 318 (new): The fuel composition of claim 317 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 319 (new): The fuel composition of claim 318 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 320 (new): The fuel composition of claim 317 further comprising a lubricant.

Claim 321 (new): The fuel composition of claim 320 wherein said lubricant comprises a low viscosity.

Claim 322 (new): The fuel composition of claim 320 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 323 (new): The fuel composition of claim 320 wherein said lubricant comprises a mineral oil.

Claim 324 (new): The fuel composition of 317 further comprising a biocide.

Claim 325 (new): The fuel composition of claim 324 wherein said biocide comprises triazine

Claim 326 (new): The fuel composition of claim 317 further comprising a metal deactivator.

Claim 327 (new): The fuel composition of claim 326 wherein said metal deactivator is a polyamine.

Claim 328 (new): The fuel composition of claim 317 further comprising a dispersant.

Claim 329 (new): The fuel composition of claim 317 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 330 (new): A fuel composition comprising:
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a fuel stabilizer;
a metal deactivator; and
said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 331 (new): The fuel composition of claim 330 wherein said organometallic compound

comprises dicyclopentadienyl iron.

Claim 332 (new): The fuel composition of claim 331 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 333 (new): The fuel composition of claim 330 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 334 (new): The fuel composition of claim 330 further comprising a high flash solvent.

Claim 335 (new): The fuel composition of claim 330 wherein said solvent comprises naphtha.

Claim 336 (new): The fuel composition of claim 335 wherein said naphtha comprises Conosolve® C-145.

Claim 337 (new): The fuel composition of claim 330 further comprising a lubricant.

Claim 338 (new): The fuel composition of claim 337 wherein said lubricant comprises a mineral oil.

Claim 339 (new): The fuel composition of claim 337 wherein said lubricant comprises a low viscosity.

Claim 340 (new): The fuel composition of claim 337 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 341 (new): The fuel composition of claim 330 further comprising a biocide.

Claim 342 (new): The fuel composition of claim 341 wherein said biocide comprises triazine

Claim 343 (new): The fuel composition of claim 330 further comprising a dispersant.